INTERNATIONALSEARCHREPORT

International application No. PCT/JP2005/005039

A. CLASSIFICATION OF SUBJECT MATTER Int.CI.⁷ B81C1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
Int.Cl. B81C1/00, B81B3/00, H01L27/20, H01L29/84

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Published examined utility model applications of Japan 1922-1995

Published unexamined utility model applications of Japan 1971-2005

Registered utility model specifications of Japan 1996-2005

Published registered utility model applications of Japan 1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.
A	JP 2000-187041 A (MITSUBI KAISHA) 2000.07.04, [0034 (Family:none)		1-3
A	JP 2003-273370 A (KABUSH 2003.09.26, see the (Family:none)	*	1-3
А	JP 2002-198327 A (SHARP 2002.07.12, see the (Family:none)	KABUSHIKI KAISHA) entire document.	1-3
А	WO 2001/053194 A1 (MITSUBI KAISHA) 2001.07.26, see the 1203748 A1	•	1-3
Further documents are listed in the continuation of Box C. See patent family annex.			
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention			
"E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other			s taken alone
special in a speci	reason (as specified) int referring to an oral disclosure, use, exhibition or other int published prior to the international filing date but later priority date claimed	"Y" document of particular relevance; to be considered to involve an invention combined with one or more of	her such documents, such son skilled in the art
Date of the actual completion of the international search		Date of mailing of the international search report	
20.05.2005		07. 6. 2005	
Name and mailing address of the ISA/JP		Authorized officer	3P 3319
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